#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

38327

7590

12/06/2006

REED SMITH LLP 3110 FAIRVIEW PARK DRIVE, SUITE 1400 FALLS CHURCH, VA 22042 EXAMINER

PHUNG, ANH K

ART UNIT PAPER NUMBER

2824

DATE MAILED: 12/06/2006

APPLICATION NO.	FILING DATE FIRST NAMED INVENTO		NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/534 049	05/06/2005	· To	omonori Sekiguchi	TSUT.0087	8465

TITLE OF INVENTION: SEMICONDUCTOR MEMORY

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE DUE PREV. PAID ISSUE F		TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	03/06/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further on indicated unless correcte maintenance fee notificat	d below or directed oth	ng the Patent nerwise in Bl	advance or ock 1, by (a	ders and notification of m  ) specifying a new corres	oondence address;	and/or (	b) indicating a separa	ate TEE ADDRESS 10
	ENCE ADDRESS (Note: Use BI	ock I for any cha	nge of address)	Fee(	s) Transmittal. Thi rs. Each additiona	s certific l paper, s	ate cannot be used for	domestic mailings of the r any other accompanying t or formal drawing, mus
38327	7590 12/06	/2006		Have	-		of Mailing or Transm	ission
REED SMITH	LLP	• .		I her	eby certify that th	is Fee(s)	Transmittal is being	deposited with the United
	V PARK DRIVE, S	UITE 1400	) .	State addr	s Postal Service we essed to the Mail	ith suffic Stop IS	cient postage for first SSUE FEE address a	deposited with the United class mail in an envelope bove, or being facsimile indicated below.
FALLS CHURC	H, VA 22042		•	trans	mitted to the USP	ΓO (571)	273-2885, on the dat	te indicated below.
	,	•						(Depositor's name)
			•					(Signature)
,	•							(Date)
APPLICATION NO.	FILING DATE	·.		FIRST NAMED INVENTOR		ATTOR	NEY DOCKET NO.	CONFIRMATION NO.
10/534,049	05/06/2005			Tomonori Sekiguchi		•	TSUT.0087	8465
TITLE OF INVENTION	: SEMICONDUCTOR N	MEMORY						
								:
	· · · · · · · · · · · · · · · · · · ·	. •			i <u></u>	3 - 4 - 4	·	<u>,                                      </u>
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$14	. 00	\$300	\$0		\$1700	03/06/2007
EXAMINER ART UN			TINU	CLASS-SUBCLASS				•
PHUNG,	ANH K	28	24	365-207000				
. Change of corresponde	ence address or indication	n of "Fee Ad	dress" (37	2. For printing on the p				
CFR 1.363).	ondence address (or Cha	inge of Corre	nondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a				
Address form PTO/SE	3/122) attached.	inge of come.	pondence					
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.	ication (or "Fee Address 2 or more recent) attack	" Indication f ned. Use of a	orm Customer	registered attorney or a 2 registered patent attor listed, no name will be	meys or agents. If	es of up no name	to is 3	
				THE PATENT (print or typ				
PLEASE NOTE: Unl	ess an assignee is ident	ified below,	no assignee	data will appear on the pa T a substitute for filing an	atent. If an assign	ee is ide	ntified below, the do	cument has been filed fo
		pietion of this	ionn is NO	(B) RESIDENCE: (CITY				•
(A) NAME OF ASSIG	JINEE			(B) RESIDENCE. (CIT	und DTTTE OTT		,	
	•			the second of the second			•	
Please check the appropr	iate assignee category of	categories (v	vill not be p	rinted on the patent):	Individual C	orporatio	n or other private grou	up entity Governmen
Touco on one appropri							1 112 f	L L \
4a. The following fee(s):	are submitted:	**	41	b. Payment of Fee(s): (Plea	se first reapply a	ny previ	ously paid issue fee s	nown above)
Issue Fee	lo small entity discount	nermitted)		Payment by credit car	d Form PTO-2038	R is attac	hed.	,
	# of Copies			The Director is hereby	authorized to cha	rge the re	equired fee(s), any def	iciency, or credit any
			<del>-</del>	overpayment, to Depo	sit Account Numb	er	(enclose an	extra copy of this form).
	tus (from status indicate		D 1 27	☐ b. Applicant is no lon	ger claiming SMA	II ENT	ITV etatus See 37 CF	R 1 27(a)(2)
NOTE: The Issue Fee on	s SMALL ENTITY stat	wired) will no	t he accente	d from anyone other than t				
interest as shown by the	records of the United St	ates Patent an	d Trademark	Office.	,,			
Authorized Signature				<u> </u>	Date	·		·
Typed or printed name				<u> </u>				
					retain a benefit by	the publi	c which is to file (and	by the USPTO to process
an application. Confiden submitting the complete	stiality is governed by 33 application form to the	o U.S.C. 122 e USPTO. Ti	and 3/ CFR me will var	y depending upon the indiv	vidual case. Any c	omments	on the amount of tin	ne you require to complet
this form and/or suggest Box 1450, Alexandria, V	ions for reducing this bu irginia 22313-1450. D	ırden, should O NOT SENI	be sent to the DEES OR	on is required to obtain of including the collection is estailed the chief information office COMPLETED FORMS To the complete of the complete	er, U.S. Patent and O THIS ADDRES	I radem S. SEND	ark Office, U.S. Depa TO: Commissioner f	or Patents, P.O. Box 1450

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE •		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/534,049	05/06/2005		Tomonori Sekiguchi	TSUT.0087	8465	
38327 759	90 12/06/2006			EXAM	INER .	
REED SMITH LLP				PHUNG, ANH K		
	PARK DRIVE, SUITE	1400		ART UNIT	PAPER NUMBER	
FALLS CHURCH,	VA 22042			. 2824		
				DATE MAILED: 12/06/2006	5	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 113 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 113 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.